

CHROMOSOME NUMBERS IN THE COMPOSITAE: WEST INDIAN SPECIES

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Chromosome numbers for 40 collections of Compositae from Dominica, West Indies are presented in Table 1. Bud material was collected by the junior author during December of 1967. All counts were made by the senior author. Identifications were made by the junior author except for *Conyza* (by J. Cuatrecasas). Voucher specimens are deposited in the herbaria of the U. S. National Museum and Southern Methodist University. Counts for species indicated by an asterisk are being reported for the first time.

TABLE I. SPECIES EXAMINED FOR CHROMOSOME NUMBER

Species	Locality and voucher	n number
<i>Ageratum conyzoides</i> L.	St. George: Roseau. King 6289.	20
<i>Ageratum conyzoides</i> L.	St. George: Fond Baron Estate. King 6299.	20
<i>Ageratum conyzoides</i> L.	St. George: Bellevue. King 6303.	20
<i>Ageratum conyzoides</i> L.	St. George: Tête Morne. King 6323.	20
<i>Ageratum conyzoides</i> L.	St. Paul: 1 mi NE of Springfield Estate. King 6340.	— — — 20
<i>Ageratum conyzoides</i> L.	St. Paul: 1 mi NE of Pont Cassé. King 6350.	20
<i>Bidens pilosa</i> L.	St. Patrick: Berekua, Grand Bay. King 6319.	36
<i>Bidens pilosa</i> L.	St. Paul: 1 mi NE of Springfield Estate. King 6334.	24
<i>Bidens pilosa</i> L.	St. Paul: 2-3 mi W of Springfield Estate. King 6337.	24
* <i>Clibadium erosum</i> DC.	St. George: Bellevue. King 6305.	16
* <i>Clibadium erosum</i> DC.	St. Patrick: 3 mi S of LaRonde. King 6362.	16
* <i>Clibadium erosum</i> DC.	St. Patrick: 2 mi N of LaPlaine. King 6373	16
* <i>Clibadium erosum</i> DC.	St. Joseph: Glasham. King 6396.	16
<i>Conyza bonariensis</i> (L.) Cronq.	St. Luke: 2 mi N of Pointe Michel. King 6310.	27

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* <i>Conyza bonariensis</i> (L.) Cronq. var. <i>leiotheca</i> (S. F. Blake) Cuatr.	St. George: Fresh Water Lake. <i>King</i> 6382.	27
<i>Erechtites valerianaefolia</i> DC.	St. George: Fond Baron Estate. <i>King</i> 6302.	ca. 20
* <i>Eupatorium impetiolare</i> Griseb.	St. George: Fresh Water Lake. <i>King</i> 6384.	10
* <i>Eupatorium mononeuron</i> Urb.	St. George: Bellevue. <i>King</i> 6313.	10
* <i>Eupatorium mononeuron</i> Urb.	St. Paul: 2-3 mi W of Springfield Estate. <i>King</i> 6342.	10
* <i>Eupatorium mononeuron</i> Urb.	St. Paul: 7 mi NE of Springfield Estate. <i>King</i> 6345.	10
* <i>Eupatorium mononeuron</i> Urb.	St. David: Belle Fille. <i>King</i> 6355.	10
* <i>Eupatorium mononeuron</i> Urb.	St. Patrick: Grand Fond. <i>King</i> 6376.	10
* <i>Eupatorium mononeuron</i> Urb.	St. Joseph: Glasham. <i>King</i> 6395.	10
<i>Eupatorium odoratum</i> L.	St. Patrick: Carib Point. <i>King</i> 6327.	ca. 40
<i>Mikania micrantha</i> H.B.K.	St. George: Fond Colet. <i>King</i> 6392.	19 ^a
<i>Mikania micrantha</i> H.B.K.	St. Luke: 2 mi N of Point Michel. <i>King</i> 6311.	19 ^a
<i>Mikania micrantha</i> H.B.K.	St. David: Belle Fille. <i>King</i> 6354.	20 ^b
<i>Mikania micrantha</i> H.B.K.	St. Joseph: Carholm Estate. <i>King</i> 6393.	19 ^a
<i>Neurolaena lobata</i> (L.) Br.	St. David: La Crête Riviere Cirques. <i>King</i> 6377.	11
<i>Parthenium hysterophorus</i> L.	St. George: Goodwill. <i>King</i> 6288.	17
<i>Parthenium hysterophorus</i> L.	St. Patrick: Berekua, Grand Bay. <i>King</i> 6318.	17
* <i>Senecio lucidus</i> DC.	St. George: Fresh Water Lake. <i>King</i> 6379.	ca. 50
<i>Sonchus oleraceus</i> L.	St. Patrick: Tête Morne. <i>King</i> 6325.	16
<i>Synedrella nodiflora</i> (L.) Gaertn.	St. Patrick: Fond St. Jean. <i>King</i> 6328.	19 or 20
<i>Tithonia diversifolia</i> A. Gray	St. Paul: 7 mi NE of Springfield Estate. <i>King</i> 6343.	17
<i>Tridax procumbens</i> L.	St. Luke: Pointe Michel: <i>King</i> 6388.	18
* <i>Verbesina gigantea</i> Jacq.	St. Paul: 2-3 mi W of Springfield Estate. <i>King</i> 6338.	17
<i>Vernonia cinerea</i> (L.) Less.	St. Patrick: Fond St. Jean. <i>King</i> 6329.	9
<i>Wedelia trilobata</i> (L.) Hitch.	St. Paul: Ponte Cassé. <i>King</i> 6356.	28+1
<i>Wulffia baccata</i> (L. f.) Kuntze	St. George: Bellevue. <i>King</i> 6314.	ca. 30

^a Numerous cells with 19 clear bivalents; cells with 17 bivalents and 1 ring quadrivalent rather consistent, especially in *King* 6292 and 6393.

^b Few cells with 20 clear bivalents; frequently 18 bivalents and 1 quadrivalent (chain or ring of four).